

Thermal RC network (Foster)

SPICE thermal model

GaN063-650WSA

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	1.05	K/W
					_ - TJ	
	Cth₁	0.27912300 F			113	
	Cth ₂	8.12593000 F			Rth1 🕇 Cth1	
	Cth ₃	0.01193130 F				
	Cth ₄	0.01705010 F				
	Cth ₅	0.00329218 F			Rth2 + Cth2	
	Cth ₆	0.13547300 F			CUIZ	
	Cth ₇	0.05902970 F				
	Cth ₈	0.00010340 F		Ι		
	Cth9	0.00092649 F		Y F	Rth3 Cth3	
	Cth10	0.04967720 F				
	Rth₁	0.07858090 Ω		Ů ₽	Rth4 + Cth4	
	Rth ₂	0.03658060 Ω		P)		
	Rth ₃	0.06184680 Ω				
	Rth ₄	0.25930400 Ω			Rth5 + Cth5	
	Rth ₅	0.04072420 Ω				
	Rth ₆	0.09501880 Ω				
	Rth ₇	0.39483500 Ω		ή.	<u> </u>	
	Rth ₈	0.00967078 Ω		무	Rth6 Cth6	
	Rth9	0.02261170 Ω				
	Rth10	0.03371300 Ω				
				Ŭ F	Rth7 TCth7	
				│	Rth8 🕇 Cth8	
					Rth9 🕇 Cth9	
Part:	GaN063-650WSA					
of t.	Cui 1000-000110/1				th10 Cth10	
Date:	15/2/2019			│ \ \	th10 Cth10	
Model Rth	1.05 K/\	V				
				↓ T _{AM}	В	
				V		